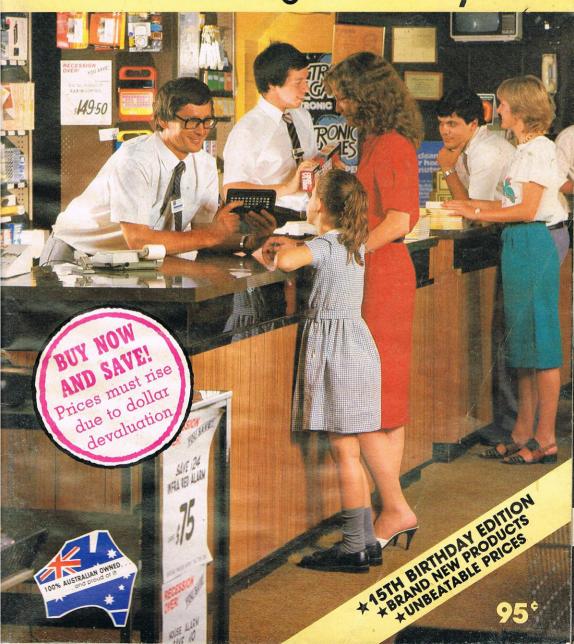
DICK SMITH WHOLESALE Electronic Enthusiast's 1983/4



Computers

NEW LOW PRICE New features the amazing **BLUE LABEL**

There's never been a computer available before with the sophistication of the NEW System 80 at such a low price. This very popular computer has been completely redesigned and in being redesigned it has benefited from earlier products on the market. Shortcomings in operator requirements, technology improvements, etc. have all been taken into account in the design of the new system. It now includes features normally found in models costing much, much And now you can take advantage of our incredible price slash – save two hundred & fifty dollars over last year's price!
Why such a dramatic price decrease? Because so many System 80 computers have been sold, the initial huge development costs have been amortised. The System 80 now costs us less – so we pass this saving on to you!
But hurry, prices must start rising soon. The decreasing value of the Australian dollar and high inflation means that we won't be able to hold this low, low price for too long.
Buy now and save!

OVER 13,000 SOLD!

SYSTEMED

Compare these features:

O'llipcite Tireas: Foundable to 48K with Expansion unit (Cat X-4020)
Includes 12K Microsoft BASIC in ROM
Compatable with almost all level II programs (thousands available)
Works with any standard TV set or a video monitor
Built-in cassette deck with level control, plus provision for another (external) cassette
Uses powerful Z-80 microprocessor. The most popular CPU chip in the world!
Cat X-4005

Amazing saving only

Protect your Investment

Your System 80 is an investment in your future – protect it with a tight-fitting PVC cover and it will reward you with trouble tree longer life. life.
A protective cover for your monitor also. Fits most small monitors.
Cat X1197

Give your computer SPEECH!

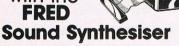
With this advanced speech synthesizer your computer can now talk to you simply and clearly – with an unlimited



The Votrax Synthesiser



OR MUSIC with the



Give your System 80 the ability to produce music with this Sound Synthesiser. It just plugs directly into the expansion connector with the audio output connecting directly into the AUX, TAPE or TUNER facilities of most Hi-Fi amplilitiers. C att 3:3280

Fan Form Binder

WOW! Now you can protect your precious printouts with this high quality binder. Will accept fan form paper that suits the Dick Smith Mini Printer and the ITOH Dot Matrix Printer (240mm & 204mm wide), Made from 'the finest Columbian Extruded Polyyiny!'. Cat X-3520



Cables

Parallel Printer

Interface

The low-cost way to obtain a Centronics-type printer port for your System 80 computer without the need for a full expansion interface connector on the rear of the System 80. System 80. Cat X-4013

\$5650

Printer Cable

This is a universal cable, ideal for connecting a printer or other device to the printer interface or the X-4020 expansion unit. Fitted with



Expander/Adaptor Cable

Cable
Connects between the
X-40/20 expansion unit's
cable and your System 80
enabling use of the Hi-Res
adaptor unit, Fred Sound
Synthesiser and Joy Stick
Controller kil interface, whe
using a disc-based
system.
Cat X-3285



Unleash the potential of your System 80

A terrific model – now with extra value! The first row of the 16K RAM is fitted as standard in this unit, with provision for an extra 16K (which gives the System 80/5xpansion unit 48K total memory). And it's \$100 cheaper than the previous model! It provides as standard a floppy disk controller capable of controlling up to 4 single density disk drives. Although the exterior of this model is similar to the previous model, there are significant changes internally; the Centronics printer port is still standard, but the RS-232C interface & connector are now only available as an option. The S-100 motherboard has been removed, and is available as a schonopdion for those for those who require \$100 expansion capability.



16K Expansion Pack

Don't be misled into saying extra for no batter quality ours are the premium goalty 2000s type 4116 was dynamic RAMS used by most microcomputers. 4.60 Upgrades an 8kt o 16 K OR a 16 K to 32 K OR 32 K IO 48K.
Cat X-1186 Pack of 8 x 4116 RAMS

S-100 Interface Card

With this card you can open the way to the many applications available via the S-100 bus system. Cat X-4024

RS232C Interface

As an option with the expansion unit, the RS-232C interface makes your computer capable of communicating with modems etc. It may also be used for driving teleprinters or other serial printers.

Cat X-4022



System 80 Mk II to suit disk based operations

When cassette operation is to slow for business usage this System 80 is the answer. The normal in-built cassette mechanism has been remeded from flough we've still make the state of the s

Inbuilt 12K Microsoft BASIC High bandwidth direct video output Screen print facility (obtains printout of any 'page' on

the screen) provision for full expansion to 48K of memory, to 4 floppy disk drives, printer & RS232 communications

ports. Full upper and lower case video display, PLUS 15 key numeric keypad PLUS 4 software defined special function keys!

Save a fortune on Disk Drives System 80 **Disk Drives**

ONLY Cat X-4060 Cat X-4061



* Already configured for the two drives most users need: drive 0 (Cat X-4060) and drive 1 (Cat X-4061).

Compare the Value



NEW Head Cleaner
FOR Disk Kit

Another area often overlooked is your disk drives. For longer life and absolute reliability, they oNLY should be cleaned at least once a week. These handy items make head cleaning easy. Cat X-3517.

Dick's

again

done it

Replacement Disk Insert Cat X-3518 \$2.95



Parents: Buy the one designed to stringent

Department of Education standards

The System 80

System 80 Mark II 'Educator' Computer offers outstanding value for money. It can be purchased initially in Its flow cost grow. The Educator features a standard vitice interface which produces composite video signals which are fully compatible with standard Australian T.V. monitors.

with standard Australian I.V. monitors.

Other features include:

Typewriter-styled keyboard
Upper and lower case display
User programmable function keys
Powerful I.2.BK of ROM with Microsoft Level 2 BASIC
Numeric keypad
Inbuilt acceen print facility

Optional colour display Optional high resolution graphics

Quality Hard Sector

Superb quality 5¼in minifloppy diskettes at a competitive pricel Both types — hard & soft sectored, at the same Time low, low price!

Buy soft sectored floppy disks in bulk. You get 10 FOR ONLY floppy disks plus disk \$5450 Cat X-3512

Suit Micropolis-type drives for Sorcerer, etc. Cat X-3505 Soft Sector t computer use today

ONLY

\$77500

VALUE



Disk Library

Holds 10 disks

Even at our prices, you should still treat your disks with care - especially if your company's financial records are on them! This disk library holds & protects up to 10 diskettes, in position for easy use. Can be closed for storage. A cheap investment!

Cat X-3515



Mini Matrix Printer

We sold hundreds of the previous model — and it was only for 204mm paper! This model is the same price — but it takes standard 240mm paper! If you don't need word processor quality — you can save a fortune!

ONLY

Cat X-3250

Ribbon to suit Cat X-3151 \$9.95

Fan-form paper

\$36.50

2000 sheets continous fan-form paper to suit above printer (Cat X-3250), and the previous printer (Cat X-3252), 204mm wide with sprocket holes. Cat X-3254

Ribbons to suit printer

Cat X-3253
Replacement ribbons for above printer.
Cat X-3253 \$12.50

Computers

Australia's first direct modem to meet Telecom regulations! The Dick Smith

Direct Mode

me of Dataphone's features include:

- ne of Vataphone's treatures inclued. Simple plug-in-connections and and convenience Standard RS 232C interface enables use with almost any personal computer. Fully complies with both Telecom regulations and CCITT Recommendation V21. This means it's not only legal, but also fully compatible with other modems hone/modem switch for convenient operation. Complete with approved power supply and detailed, easy to understand user manual.

AND

Telecom Authorisation No. C82/37/557 Word Processor standard paper: Letterheads etc.

The Dick Smith

forms

or continuous

Daisy Wheel Printer WAS 199000

Deliver's uifra-sharp clean copy up to 40cm wide! Uses standard paper, letterheads etc. Uses economical Diablo daisywheels and ribbon cartridges — so a wide range of fonts is available. Prints at three times the speed of a golf ball typewriter and is suitable for most currently available microcomputers. Printer Ribbon to suit above printer Cat X-3266 \$850

We sold 1.000's of our previous printer **New Features**

Our very newest model with built-in 2K buffer allowing storage of data to be printed — less down time on the computer. Numerous printing types. Superb (you've got to see to believe) high resolution graphics. You'll save hundreds of dollars on the printerl Accepts both standard stationery and fan-form (tractor feed) paper.

Ribbon to suit printer (Cat X-3260) 995 Cat X-3261 ONLY \$849

Cat X-3260



look at this exciting range of System 80

Killer Gorilla \$2450

Based on the incredibly popular Donkey-Kong Arcade game, this version will keep you busy for hours while you try to rescue the maidter from the gorilla atop the building. Terrific graphics and sound. Cassette based. Req. 16K Cat X-3592

Ever wanted to be Tarzan? This program gives you the chance to see if you'ed survive every thing from rock slides to cannibals. On cassette .Req.16K. Cat X-3590. Galactic Trader ... 12°0 If military life is not your scene and if making deals and bartering is, then your game is trader. Your object is to make a fortune by trading commodities throughout the galaxy, 10 levels of difficulty. Cassette based. Reg.16KT1, T3, St. Cat X-3678.

Set as Nasora.

1950
Your the pilot, your mission is to destroy the enemy s ground installations, on a high sed bomb run. Fight your way through the real-time ground and air attack Incredibly last and exciting. Cassette based. 71, S1, S2, T3.

Depth Charge..... 41°

The latest version of the arcade favourite. Your mission is to destroy the enemy submarine pack Good graphics and includes sound. Cassette based, Req. 16K, T1, S1, S2. Cat X-3686

Starfighter. \$4490
You start out as a new mercenary pilot police officer. Your job is to protect Landbase Control. You must identify spacecraft — some could be enemies! Work your way up to Star Lord. Great graphics & sound. Twin Cassette pack & manual. Req. T1, T3, S1, S2, Cat X-3674

SUITABILITY OF S1: System 80 MK11 T1: Tandy Model 1 T2: Tandy Model 3

Utilising good graphics & various levels of play, Your aim is to hunt down the military governor of 'Fornax' & to destroy his installation, 19 command options. Cassette based. Req. 16K. S1, S2, T1. Cat X-3643.

3D Tic-Tac-Toe..... \$1450

The familiar 'noughts and crosses' game, expanded and made more challenging. There are four grids on the screen, one behind the other. You play the computer — but watch out — it's shrewd! Cassette based. Req. 16K T1, S2. Cat X-3671

Air Traffic Controller

If you've ever wondered why controllers are so from you've ever wondered why controllers are so from you have been an every ever the controllers are so from you have been an every every

Space Invaders \$4195

The ever popular arcade game that has become a cult! Can you shoot down the aliens before they destroy you and the Earth? Fast moving real time graphics. Cat X-3699

Asylum......\$1950

The latest 'role playing game' in which you get out of the asylum. You are placed in a padded cella your job is to find a way out. Many items to aid you can be found along the way item so aid you can be found along the way the use of ordinary commands will determine your ability to survive. Definately NOT for those with high eight patience. Cassette based Req. 16K S1, S2, T Cat X-3687

Institute

If you got out of Asylum try this one. As with Asylum you start in a room and your aim is to get the heck out of there. The only clue, your dreams! Much improved graphics and vocabulary. On Cassette Req. 16K. Cat X-3661

Educational Software

Scurve Invaders..... 11" Hangman/Concentration A unique program that combines basic maths drill with the ever popular 'Space Invaders' game – practising maths has never been so much furil Before shooting a Scurve with the Laser, the player has to feed in the correct data to the Spaceship computer. Cat. X3694

Alphabet/Rhyme Time

Alphabet Countdown is a real time game in which sets of words taken at random from a large group must be placed in alphabetical order, in the shortest possible time. Rhyme Time displays a series of unfinished Rhymes, and the player has to type in the missing word from clues given in the rhyme itself. Cat X-3698

Typing Tutor...... \$2550

An interactive program that teaches you to touch type. It claims to teach typing skills faster than any other method. Now with graphic display of keyboard on the screen, making it even easier. Cat. X-3682

Two programs which are not only great to play, but also help to increase familiarity with words. Hangman is the computer version of the well known word guessing game — complete with animated graphics man getting hung. The words can be chosen by either the program or a second player. Concentration is the computer of the famous TV quiz game. Two players of the famous TV quiz game. Two players on the screen then guess the mystery word. Req. 16 K 31, 52.

Stock Market Game

Ever wanted just to dabble in the market. Here is your chance, and it won't cost you a cent. Allows you to set up your own portfolio and then control your fortunes by buying and seling just as in the real market. Be careful you could lose your shirt! On cassette. Req.16K Cat X-3768

Austax Form 35∞

Produced in association with the Aust. Dept. of Taxation with the assistance of qualified tax-ation specialists. It will provide a printed summary which can be sent in with your return. The program takes you through the tax form step by step & provides on-screen prompts. Cat. X-3762

Rain Analyser and

Is designed for the man on the land or the agriculture student. The package can store rainfall data for a particular location over a produced for law location graphs can be produced for law location graphs can be produced for law location graphs of any two weeks or months and detailed printed reports are also available. On cassette. Req. 16K T1, \$1, \$2. Cat x-3767

System 80 **Utility Software** Step by Step BASIC

A course to take beginners into BASIC programming! Three cassettes containing numerous individual lessons and a detailed instructional manual. Highly recommend. Cassette based. REQ. 16K

ette based. F Cat. X-3651

MMS FORTH

The exciting new FORTH programming lang-uage It runs from 10 to 20 times faster than ROM BASIC! Minimum 16K & one disk drive. T1, S1. S2.

Cat X-3668

Microsoft FORTRAN

Ideal for science & engineering applications. The Fortran-80 package includes full ANSI standard Fortran X32k-1966, except the COMPLEX data type. Features include single byte LOGICAL variables, mixed mode arithmetic expressions, error trapping, diagnostic output, extensive subroutine library and users may write non-standard I/O drivers. Requires 32k. Disk based. T1, 31, 32c.

Serial loader, BASIC

A program that enables loading of programs written in BASIC from another computer via the RS-232C interface. \$24.50 Cat. X-3689

Z-80 Disassembler

A program which produces an assembly language listing from 2-80 machine code stored in memory. Very handy when you are flying to analyse machine language or SYSTEM programs, to find out be stored to analyse machine language or SYSTEM programs, to find out be stored from the stored from Cat. X-3690

Memory diagnosing

Ever been struck with a problem in your system that you can't quite figure out? Then this is the answer. With incredible ease you can test your complete systems operation, from memory to disks. Disk based. Includes detailed instructions. \$1, \$2.

24.50

24.50

Micro Dos

A low cost BASIC disk operating system for expanded System-80 & TRS-80 systems which are running from 1 to 4 disk drives (either 35 or 40 track). A really easy to use DOS, designed especially only the system of t

user o with user programs entirely by BASIC commands.
Comes with 5 utility programs on the disk. Requires at least 16k & one disk drive. S1, \$2, 11. \$44.95

Cat. X-3555

NEW DOS-80

The very latest & improved version of Apparat's sophisticated NEWDOS/80 disk operating system. Provides virtually every function & facility needed by the serious programmer software development engineer. Complete with a user manual, in a ring binder, which is updated by the publisher if you register as a user. Disk. Req. 32k T1, S1, S2. Cat. X-3565

Z-BASIC

An interactive compiler which handles most of the commands & statements available in Level 11 Microsoft BASIC, Lets you compile your BASIC programs, so that they run up to WENTY TIMES FASTER than with the ROM interpreted Disk version, but comes on cassette so you can use it with the DOS of your choice. Needs 16K, but can handle larger programs if you have 32 or 48K.

Cat. X-3570

Games Penetrator

You are the sole survivor of a fighter squadron whose mission is to invade the enemy defence rings and to blow up their illegal neutron

bomb store.
This package even allows you to create your own landscapes at will. Twin cassette. Reg. 16k. S1, S2, T1.

Cat. X-3673

Simutek package 1

Not just one, but FIVE fantastic space fantasy games in one package! (Graphic Trek 2000, Invasion Worg, Star Wars and Space Target). Great graphics which require split second responses! Comes complete with instruction booklet. Outstanding value! 16K, T1, S1.

Cat. X-3685 \$14.50

Computer Cassette

Yes! We're now stocking the famous 'Microsette' computer verified cassette tape. Five minutes per side gives over 40K capacity per side. X-3502

tape \$925

Double Density Adaptor

Adapt your System 80 or TRS disks for double density!

Cat X-3540

\$239

Light Pen

● Ideal for System 80 & TRS-80 ● Req. 9V battery – long life – complete with instructions and hints. Cat. X-3645 WAS \$29.50

\$4295

System 80

Invoicing System

This powerful, efficient invoicing system will run either as a stand alone system; or interactively with your Stock Confloat & Pricing system. It provides full invoicing session summary reports, including sales tax and revenue totals, It allows for credits or returned toems. On Disk. Req. 32K Complete with manual. 11, 91, 52.

Accounts Payable

This package gives you the vital information concerning the 'heart' of your business, i.e. Cash flow. At a glance you can tell who owes you what, how much a for how long. Reports such as the Trial Balance, Debtors Ledger & Posting summaries. Requires 32K, two disk drives & an 80 column printer. \$1, \$2.

Maintain control over where your money is going. This package will maintain up to 100 individual creditors using the 'open item system'. Provides detailed reports on all your purchases and payments. Req. 48K. Machine with 2 disk drives and an 80 column printer.

General Ledger

Lets you know exactly how your business is running & provides the necessary information to make business decesions based on accurate reports, as to your company's status. Complete with comprehensive manual & regulines a System 80 with 32K, 2 disk drives & an 80 column



\$99

\$149

Cat. X-3756

Cat X-3754

\$449

Cat. X-3752

\$175

Cat. X-3751

& Pricina

Cat. X-3750

Want to store large amounts of data?

Datfile

is for you

A program which lets you computerise virtually any data file currently on cards etc. Membership & mailing lists, client and customer details, product information—you name ill Datfile lets you call them up on the screen, add new entries, Make changes, sort all entries, select by category, print out so on. Comes on disk. Req. 32K & at least one drive. \$1, \$2.

Cat. X-3760

Professional Wordprocessing

A powerful professional yet easy to use Word Processor System. Written in Australia, it provides a host of features including unlimited text insertion, the ability to print mailing labels à to merge a name & address file with a standard letter format. Plus a help' facility, now with line numbering. Written in machine code for really FAST operation, it comes complete with an easy to read User Manual. Req. 32K & at least one disk drive. S1, 52, 71. New version now also operates on System 80 & TRS 80 Module.

manual & requi

At last—a Payroll Budget

At last—a Payroll program that does it all. This new package caters for up to 100 employees and produces payillo, coin analysis, cheque analysis, bank deposit advice, cost centre report, payroll tax report and group certificates. Also provided for its up to 5 different automatic deductions. On disk. Req. 32K. S1, S2, 12c.

Feed Budget

Allows the accurate management of feed requirements for a dairy herd. Will assist in ensuring that cows calve in good condition and that sufficient reserves are maintained until spring growth has started. On disk, Req. 2 SK, T1, \$1, \$2.

Cat X-1200

Mailing System

Provides storage for 450 names and address on one disk or up to 650 using two drives. Provides seven 'fixed' fields and two 'user definable' fields. Sort labels by any field and print in sorted order. Will also print lown labels for return mailing. Well documented. On disk. Req. 32K. S1, S2, T1.

\$449 Cat. X-3769

\$4950 Cat. X-3770

\$6950

Cat. X-3771

A stock control & pricing system for small businesses. Handles up to 2750 stock lines & offers powerful feat-wear property of the state of the state

Stock Control

Share Market Analysis

A valuable tool for the part time dabbler or for anyone with an interest in the stock market. It can provide both 'point a figure' charts for individual stocks or for market groups. Fully menu driven with detailed instruction manual & can handle up to 45 different stocks. Disk based. Req. 92K. \$1, T1, \$2.

Cat. X-3765

\$3950 Pia Farm

Management rowides a very detailed report at your pigpey. All data relating to the enterprise is
keyed into the system wising a unique set of
'data cards'. The system then goes to work
and produces a very detailed series of printed reports that will give you an excellent
picture of the viability of the enterprise. On
disk. Cat. X-37 2X.

Economy B & W Monitors

The System 80 doesn't need a video monitor: but can be used with one. A video monitor gives the sharpest, clearest image – and this one is really economical. It can be used with most computers on the market – and is much cheaper than other brands! Compare: and be surprised! Cet X-1196

Economy Green Phosphor Monitor If you're seriously into computers then this is the monitor for you. Provides a sharper, brighter image, and you avoid eye fatigue! Suited more for the professional rather than the hobbyist.

Cat. X-1198

High Resolution Monitor

With this monitor added to your computer system, you'll be able to use it for almost limitless applications: For accounts/statistics, education, medical, amusement & for any purpose data & video display. The anti-glare screen with its jitter & ghost free image makes viewing much easier & sharper and allows 80 characters with 24 lines. A must for the serious computer hobbyist

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